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Cropping Practices

- Corn
 - Cotton
 - Soybeans
 - Wheat
- 1964-70

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STATISTICAL REPORTING SERVICE • U.S. DEPARTMENT OF AGRICULTURE

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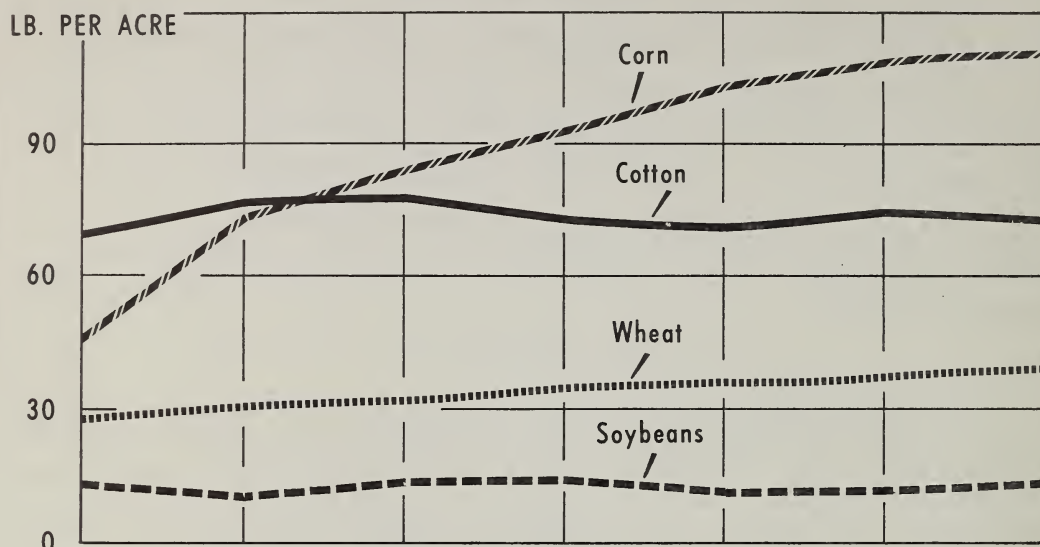
The crop production estimates program of the Statistical Reporting Service includes regular interviews and visits to randomly selected fields for four of the major crops produced in the United States: corn, cotton, soybeans, and wheat. The data in this publication represent information collected by trained enumerators interviewing farm operators and enumerators' measurements and counts in specified fields. The sample data were edited to eliminate nonrepresentative reports. The data, which are subject to some sampling fluctuation, are not official Crop Reporting Board estimates, but provide indications and trends in cropping practices for the four crops for which objective yield counts are made.

During the regular crop production season, selected fields throughout the United States are visited. Row spacing measurements, plant counts, fruit counts, and other pertinent information affecting final crop yields are recorded. The farm operator is interviewed to obtain information about acreage, variety of seed, fertilizer applied, and other information about the fields where objective counts are to be conducted.

The number of samples in each State varies from year to year as a result of changes in the number of samples assigned and variations in the number lost because of abandonment. Fields are also visited after the crop is harvested to: obtain from the producer the final yield realized from the field, measure harvesting losses, and obtain information about other factors affecting production.

The information for these crops has been weighted to selected group averages, using the 3-year (1967-69) average harvested acreage for each of the States. Some of the information has been published previously in Crop Production reports of the Crop Reporting Board. However, this report brings these previously published data together and gives additional information.

NITROGEN APPLIED PER ACRE RECEIVING FERTILIZER, SELECTED STATES



P₂O₅ APPLIED PER ACRE RECEIVING FERTILIZER, SELECTED STATES

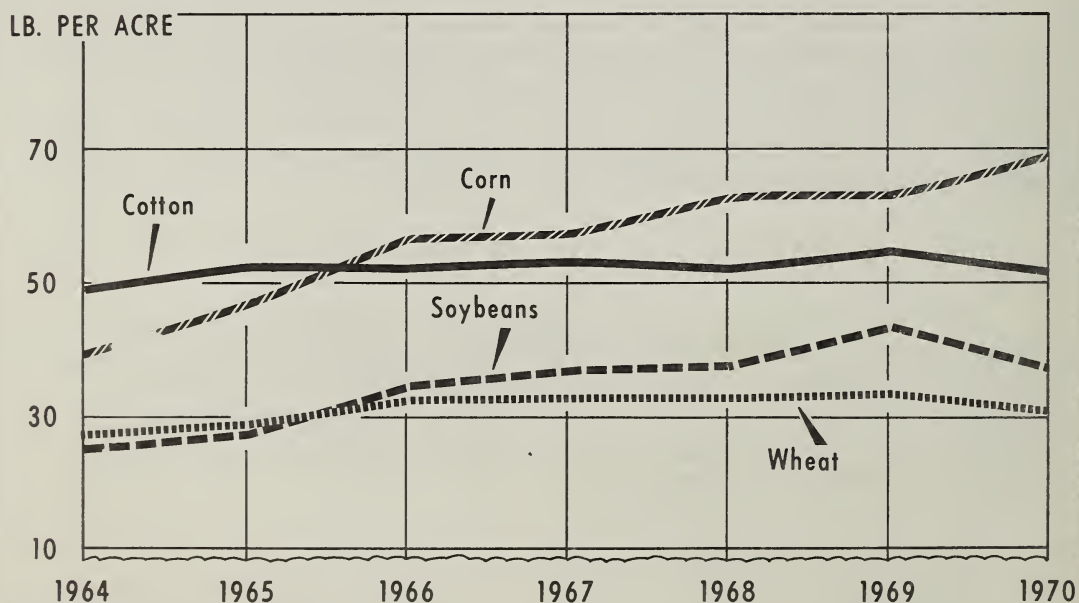


Table 1. Corn for grain: Percentage distribution by row width and average row width for selected States and groups of States, 1964-70

State and year	Number of samples	Row width (inches) 1/					Average row width
		34.5 & less	34.6 - 36.5	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples					Inches
Ohio	:						
1964	:	111	0.0	2.7	23.4	53.2	39.4
1965	:	130	0.7	7.7	28.5	47.7	39.2
1966	:	125	8.8	9.6	39.2	28.0	37.9
1967	:	127	13.4	11.8	36.2	31.5	37.5
1968	:	139	18.7	9.4	39.5	28.1	36.6
1969	:	125	27.2	8.8	36.0	24.0	36.1
1970	:	135	26.6	14.8	30.4	19.3	36.1
Indiana	:						
1964	:	107	0.9	0.9	30.9	54.2	39.2
1965	:	136	0.7	4.4	40.5	45.6	38.6
1966	:	137	7.3	2.9	48.9	36.5	37.9
1967	:	142	7.7	9.2	40.2	38.0	37.7
1968	:	167	10.8	12.0	42.5	32.3	37.0
1969	:	153	13.1	9.2	47.0	24.8	37.0
1970	:	160	21.9	8.8	53.7	12.5	36.1
Illinois	:						
1964	:	188	0.5	0.0	23.9	64.4	39.3
1965	:	188	2.6	2.7	35.7	48.4	38.8
1966	:	159	6.3	6.9	32.1	40.2	38.3
1967	:	170	12.4	4.7	41.2	33.5	37.7
1968	:	191	18.8	7.9	36.1	30.4	36.8
1969	:	200	16.0	7.0	46.5	27.5	36.9
1970	:	190	16.3	7.4	54.2	18.4	36.8
Iowa	:						
1964	:	191	0.0	0.0	5.2	62.3	40.2
1965	:	188	1.0	0.6	11.7	64.9	39.6
1966	:	170	2.4	3.5	20.7	58.8	39.1
1967	:	179	6.2	2.8	33.5	45.2	38.5
1968	:	198	7.6	3.0	30.8	46.0	38.3
1969	:	200	8.0	2.0	37.5	40.5	38.2
1970	:	203	13.3	2.5	33.0	39.9	37.8
Nebraska	:						
1964	:	162	0.0	0.0	8.7	61.7	39.9
1965	:	165	4.2	1.2	12.7	54.0	39.4
1966	:	157	3.2	2.5	18.6	53.5	39.3
1967	:	153	6.6	9.8	19.6	51.0	38.5
1968	:	182	17.0	8.2	16.5	47.3	37.5
1969	:	177	21.5	9.6	18.1	40.1	37.0
1970	:	194	21.6	12.4	19.6	40.2	36.6

See footnotes at end of table.

Continued

Table 1. Corn for grain: Percentage distribution by row width and average row width for selected States and groups of States, 1964-70 Continued

State and year	Number of samples	Row width (inches) 1/					Average row width
		34.5 & less	34.6 - 36.5	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples					Inches
Virginia							
1964	107	1.9	15.9	18.7	26.2	37.3	37.6
1965	109	0.9	20.2	20.2	27.5	31.2	37.6
1966	107	12.2	18.7	22.4	28.0	18.7	37.6
1967	108	16.6	25.9	21.3	20.4	15.8	37.5
1968	108	8.3	20.4	28.7	25.9	16.7	38.0
1969	99	9.1	24.2	22.2	27.3	17.2	38.1
1970	96	13.5	25.0	34.5	13.5	13.5	37.5
North Carolina							
1964	170	0.0	3.0	14.1	17.6	65.3	41.0
1965	159	0.0	1.3	12.6	18.2	67.9	41.0
1966	136	2.2	5.1	16.2	18.4	58.1	41.0
1967	131	0.7	10.7	21.4	17.6	49.6	40.7
1968	133	2.3	12.0	21.1	31.6	33.0	39.9
1969	136	3.7	15.4	21.3	27.2	32.4	39.9
1970	147	4.1	12.9	27.2	27.2	28.6	39.2
South Carolina							
1964	118	0.0	4.2	19.5	27.1	49.2	42.2
1965	102	2.0	2.9	17.7	29.4	48.0	42.2
1966	100	0.0	3.0	23.0	25.0	49.0	42.2
1967	100	2.0	2.0	31.0	23.0	42.0	41.4
1968	105	3.8	9.5	35.2	24.8	26.7	40.1
1969	98	3.1	9.2	45.8	27.6	14.3	38.5
1970	102	4.9	7.8	41.2	27.5	18.6	39.2
Georgia							
1964	169	4.1	13.0	36.1	32.0	14.8	38.6
1965	157	4.5	15.9	40.1	26.8	12.7	38.6
1966	139	2.9	17.3	51.0	22.3	6.5	38.6
1967	139	5.0	26.6	36.0	23.7	8.7	37.8
1968	127	7.1	29.9	34.7	23.6	4.7	37.1
1969	106	5.7	25.5	38.6	20.8	9.4	37.7
1970	106	4.7	23.6	43.4	17.0	11.3	37.9
Kentucky							
1964	142	0.0	2.8	14.1	54.9	28.2	39.8
1965	144	1.4	3.5	16.7	47.9	30.5	39.8
1966	131	2.3	2.3	27.5	41.2	26.7	39.2
1967	129	1.5	7.0	28.7	43.4	19.4	39.1
1968	124	9.7	9.7	22.6	43.5	14.5	38.2
1969	138	9.4	5.1	29.0	41.3	15.2	38.4
1970	119	11.8	11.8	27.7	36.9	11.8	37.7

See footnotes at end of table.

Continued

Table 1. Corn for grain: Percentage distribution by row width and average row width for selected States and groups of States, 1964-70 Continued

State and year	Number of samples	Row width (inches) 1/					Average row width
		34.5 & less	34.6 - 36.5	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples					Inches
Tennessee							
1964	141	2.8	2.8	28.4	39.0	27.0	39.8
1965	138	0.7	2.9	29.7	38.4	28.3	39.8
1966	126	1.6	8.7	32.5	27.0	30.2	39.4
1967	123	1.6	7.3	35.9	33.3	21.9	39.1
1968	123	2.4	8.1	30.1	35.0	24.4	39.2
1969	113	0.9	9.7	45.2	28.3	15.9	38.6
1970	111	3.6	9.9	42.4	31.5	12.6	38.4
Alabama							
1964	112	1.8	9.8	25.9	22.3	40.2	39.4
1965	131	1.5	10.7	32.8	29.8	25.2	39.4
1966	113	2.7	16.8	29.2	23.9	27.4	39.0
1967	121	2.5	18.2	30.6	19.8	28.9	39.0
1968	96	1.0	22.9	28.2	25.0	22.9	39.1
1969	93	0.0	22.6	32.3	24.7	20.4	38.7
1970	67	0.0	16.4	38.8	22.4	22.4	38.8
Mississippi							
1964	128	2.3	4.7	34.4	32.0	26.6	39.4
1965	118	0.8	6.8	31.4	31.3	29.7	39.4
1966	98	0.0	12.2	30.6	31.7	25.5	39.2
1967	99	0.0	9.1	31.3	36.4	23.2	39.3
1968	100	1.0	6.0	36.0	31.0	26.0	39.9
1969	76	1.3	9.2	31.6	36.9	21.0	39.1
1970	82	11.0	11.0	32.9	30.5	14.6	38.1
Texas							
1964	139	0.7	7.9	41.0	31.7	18.7	38.8
1965	92	2.2	7.6	33.7	35.9	20.6	38.8
1966	129	0.0	4.7	37.2	42.6	15.5	39.0
1967	122	0.0	15.6	38.5	32.8	13.1	38.6
1968	120	10.8	6.7	24.2	41.6	16.7	38.4
1969	102	10.8	7.8	19.6	53.0	8.8	38.3
1970	118	23.7	2.5	22.9	38.2	12.7	35.6
Total selected States:							
1964	1,985	1.0	4.5	22.5	42.5	29.5	39.7
1965	1,957	1.7	5.8	25.6	40.3	26.6	39.2
1966	1,827	3.7	7.8	30.6	35.3	22.6	38.7
1967	1,843	5.7	11.1	32.1	33.0	18.1	38.2
1968	1,913	9.5	11.1	30.5	34.3	14.6	37.6
1969	1,816	10.4	10.7	34.1	32.1	12.7	37.5
1970	1,830	13.9	11.0	35.9	27.5	11.7	37.1

1/ Spacings based on row measurements in sample plots selected for objective yield determinations.

Table 2. Corn for grain: Plant population per acre,
selected States, 1964-70 1/

State	1964	1965	1966	1967	1968	1969	1970
Ohio	14,113	14,741	15,283	15,424	17,527	17,702	18,239
Indiana	14,055	15,083	16,081	16,269	16,664	16,956	17,921
Illinois	14,172	15,246	16,495	17,138	17,889	18,605	18,085
Michigan	13,358	13,718	15,281	15,775	16,060	16,768	18,384
Wisconsin	14,752	14,909	15,782	17,053	18,189	17,626	18,756
Minnesota	14,636	14,851	14,947	15,463	16,902	18,175	18,429
Iowa	14,288	15,182	15,782	15,997	17,208	17,412	18,038
Missouri	12,255	12,638	13,334	13,063	14,389	14,979	14,584
South Dakota	9,351	10,582	10,692	10,199	11,300	11,960	12,194
Nebraska	10,745	11,877	12,895	13,940	15,877	15,610	16,427
Kansas	9,816	11,128	12,483	13,744	16,007	15,778	15,866
Virginia	10,106	9,862	12,001	13,708	13,816	13,684	15,627
North Carolina	8,886	9,717	10,534	12,162	12,951	13,372	14,915
South Carolina	8,770	8,503	9,257	10,023	11,170	12,204	11,867
Georgia	7,957	8,724	9,318	10,804	12,016	11,033	10,516
Kentucky	10,745	11,180	12,308	12,477	13,505	14,759	14,593
Tennessee	8,944	10,303	9,891	10,446	11,465	11,872	12,167
Alabama	7,783	8,613	8,887	8,835	8,810	9,178	9,099
Mississippi	7,550	8,172	8,615	8,257	8,533	8,563	8,973
Texas	6,447	6,278	7,805	11,364	11,273	13,447	13,154
Total, selected States	12,585	13,502	14,322	14,908	16,021	16,416	16,767

1/ Based on stalk count in plots selected for objective yield samples.

Table 3. Corn for grain: Fertilizer use on acreage harvested,
selected States, 1964-70

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/			
		Any fert - ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding: only	After seeding: only	At or before & after seeding	
		No.	Percent				Lbs.		Percent			
New York	:											
1964	:			NOT AVAILABLE								
1965	:	35	100	100	100	100	69.4	50.9	49.4	91	0	9
1966	:	84	99	99	99	99	77.5	61.6	60.2	88	0	12
1967	:	97	100	100	100	100	78.2	65.3	65.0	92	0	8
1968	:	96	98	93	98	97	72.4	65.5	60.8	87	0	13
1969	:	100	100	100	100	100	70.2	60.7	59.7	93	0	7
1970	:	106	100	99	98	98	84.0	66.7	68.1	87	1	12
Pennsylvania	:											
1964	:			NOT AVAILABLE								
1965	:	54	100	100	94	93	75.9	61.4	51.8	80	11	9
1966	:	109	97	95	96	95	63.5	66.7	49.4	94	1	5
1967	:	121	98	96	98	97	58.9	63.7	46.9	95	2	3
1968	:	126	99	99	99	98	77.3	63.2	50.1	97	0	3
1969	:	129	99	99	98	98	71.9	63.7	56.0	80	4	16
1970	:	133	98	96	98	97	81.2	65.8	51.3	91	1	8
Ohio	:											
1964	:	110	99	99	97	96	54.9	55.5	52.8	76	1	23
1965	:	130	100	100	100	100	71.5	55.5	51.0	63	0	37
1966	:	125	99	99	99	99	70.1	67.8	62.0	73	0	27
1967	:	124	100	100	100	99	88.1	70.6	69.9	64	0	36
1968	:	140	99	99	99	99	85.1	74.7	74.2	78	0	22
1969	:	126	100	100	99	99	93.1	77.2	76.0	67	1	32
1970	:	136	100	100	100	100	109.5	82.9	83.5	55	0	45
Indiana	:											
1964	:	101	100	99	100	99	68.4	50.2	56.6	54	0	46
1965	:	137	100	100	100	99	90.7	67.8	79.7	44	0	56
1966	:	138	100	99	99	99	107.6	73.6	91.7	39	0	61
1967	:	141	99	99	99	99	112.2	78.4	90.9	43	1	56
1968	:	169	100	100	99	99	112.3	79.5	98.3	49	1	50
1969	:	155	99	99	97	97	115.3	76.5	89.9	53	0	47
1970	:	158	99	99	99	96	126.2	92.1	101.4	50	0	50
Illinois	:											
1964	:	184	90	89	82	82	72.2	44.0	39.3	50	6	44
1965	:	186	91	90	87	86	85.9	55.7	50.1	45	3	52
1966	:	164	96	96	90	89	102.2	68.7	67.8	53	3	44
1967	:	168	94	93	90	89	108.6	66.7	70.0	59	0	41
1968	:	192	96	96	93	94	112.0	77.2	75.8	70	1	29
1969	:	198	97	96	92	90	120.2	74.5	78.3	71	3	26
1970	:	193	96	95	94	94	118.2	92.1	91.5	70	2	28
Michigan	:											
1964	:	121	98	98	98	98	42.8	48.1	41.6	70	0	30
1965	:	141	96	96	96	95	52.1	55.9	48.2	66	1	33
1966	:	124	99	99	98	98	51.1	51.1	51.4	73	0	27
1967	:	112	99	99	99	98	64.4	59.6	71.3	68	0	32
1968	:	123	98	98	98	98	83.2	69.9	69.7	69	0	31
1969	:	131	99	99	99	99	89.8	66.0	87.1	75	0	25
1970	:	121	99	99	98	96	97.6	77.0	72.5	49	1	50
Wisconsin	:											
1964	:	117	92	92	92	92	28.3	46.3	44.8	77	1	22
1965	:	136	97	97	97	96	32.7	48.1	47.3	80	1	19
1966	:	144	98	98	98	98	43.2	56.4	63.1	79	0	21
1967	:	133	94	93	92	92	52.1	51.3	73.4	70	0	30
1968	:	131	98	98	98	95	63.1	75.4	78.1	75	3	22
1969	:	138	99	99	97	97	79.3	63.5	75.4	59	1	40
1970	:	145	98	98	97	97	69.4	69.2	81.9	70	1	29

See footnotes on page 25.

Continued

Table 3. Corn for grain: Fertilizer use on acreage harvested,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/			
		Any fert- ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding: only	After seeding: only	At or before & after seeding	
		No.	Percent				Lbs.		Percent			
Minnesota	:											
1964	:	124	79	79	77	69	27.7	36.0	30.0	65	2	33
1965	:	138	79	77	79	73	45.9	45.1	36.1	66	0	34
1966	:	139	86	86	86	81	54.0	44.9	41.3	63	1	36
1967	:	135	92	92	90	88	68.6	55.0	45.4	73	1	26
1968	:	150	97	97	95	95	84.2	62.6	61.1	88	1	11
1969	:	154	90	89	87	85	95.1	60.3	59.6	74	1	25
1970	:	164	94	93	92	91	98.0	61.4	69.5	73	2	25
Iowa	:											
1964	:	187	81	80	72	62	45.1	38.7	25.5	51	10	39
1965	:	189	87	86	78	71	65.2	42.8	31.0	50	9	41
1966	:	172	92	91	86	78	80.6	51.6	37.7	50	5	45
1967	:	179	89	88	84	78	89.5	56.6	44.9	66	2	32
1968	:	198	88	87	84	80	104.3	64.4	54.2	78	2	20
1969	:	201	92	91	88	83	108.1	66.9	58.4	63	3	34
1970	:	206	95	94	90	87	106.9	66.7	63.1	82	1	17
Missouri	:											
1964	:	144	92	92	78	78	74.5	33.9	30.8	66	8	26
1965	:	136	93	93	84	82	75.3	39.4	36.7	67	8	25
1966	:	131	95	95	82	82	93.8	51.6	45.1	78	4	18
1967	:	127	98	98	88	89	81.3	47.9	43.6	82	2	16
1968	:	155	97	94	85	84	105.9	49.0	45.5	79	2	19
1969	:	143	95	95	83	82	108.2	55.7	55.3	80	4	16
1970	:	162	98	98	90	90	117.2	56.6	54.9	77	3	20
South Dakota	:											
1964	:	84	25	25	21	1	30.5	28.4	10.0	95	0	5
1965	:	114	26	25	19	4	44.2	26.1	16.9	60	33	7
1966	:	133	29	29	21	7	42.9	25.9	13.0	64	18	18
1967	:	108	48	48	37	8	54.5	35.7	29.8	62	21	17
1968	:	129	41	41	30	9	58.7	32.8	14.1	79	15	6
1969	:	138	47	46	42	19	55.6	30.7	12.3	88	1	11
1970	:	126	61	60	52	28	58.6	35.7	12.5	73	10	17
Nebraska	:											
1964	:	154	72	72	44	18	78.5	30.9	11.4	39	27	34
1965	:	162	74	74	47	15	98.2	32.8	15.8	35	26	39
1966	:	157	81	79	60	26	105.8	35.5	12.3	49	13	38
1967	:	152	90	90	70	40	120.6	36.2	18.1	49	12	39
1968	:	182	90	90	75	49	148.7	36.7	14.8	60	6	34
1969	:	178	89	89	67	45	143.3	37.1	22.5	51	8	41
1970	:	191	93	93	71	47	146.1	41.9	21.8	66	8	26
Kansas	:											
1964	:	98	79	79	61	29	59.7	28.4	15.4	73	6	21
1965	:	116	84	84	74	43	67.6	34.1	18.6	83	1	16
1966	:	112	92	92	74	45	74.8	38.5	19.8	88	2	10
1967	:	105	90	90	74	46	105.6	36.4	21.8	74	0	26
1968	:	119	93	93	85	49	128.3	40.8	17.1	78	1	21
1969	:	115	93	93	75	47	133.1	46.3	23.9	85	0	15
1970	:	137	97	97	78	53	142.3	47.0	28.1	83	0	17
Maryland	:											
1964	:						NOT AVAILABLE					
1965	:	43	98	98	98	98	81.7	0.0	0.0	79	0	21
1966	:	72	99	99	99	97	81.2	79.7	82.2	68	0	32
1967	:	90	98	98	98	98	83.6	71.0	79.4	67	0	33
1968	:	84	99	98	98	96	87.7	70.6	85.6	72	1	27
1969	:	92	100	100	100	100	85.3	67.8	77.5	64	0	36
1970	:	98	97	97	97	96	84.2	66.9	73.6	64	0	36

See footnotes on page 25.

Continued

Table 3. Corn for grain: Fertilizer use on acreage harvested,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/ At or : After : At or		
		Any	:	:	:	:	:	:	before : seeding :	before &	
		fert-	N	P ₂ O ₅	K ₂ O	:	:	:	seeding: only :	after	
		ilizer	:	:	:	N	P ₂ O ₅	K ₂ O	only :	seeding	
	No.		Percent				Lbs.		Percent		
Virginia											
1964	94	100	100	100	100	65.9	59.6	70.6	39	9	52
1965	109	96	96	96	96	80.8	64.4	74.2	31	4	65
1966	107	99	99	98	99	98.9	77.2	87.9	28	2	70
1967	111	100	100	98	98	100.9	71.3	88.5	43	1	56
1968	109	100	100	100	100	95.1	66.9	86.9	40	0	60
1969	98	98	98	98	97	102.3	71.0	93.5	56	0	44
1970	95	100	100	100	100	100.8	70.1	89.6	60	1	39
North Carolina											
1964	167	99	99	99	99	85.0	43.5	48.9	9	1	90
1965	158	100	100	99	100	115.5	44.9	52.4	9	0	91
1966	136	100	100	100	100	109.1	48.3	57.2	9	0	91
1967	132	100	100	100	100	118.5	50.9	62.3	8	1	91
1968	135	100	100	99	100	124.2	50.4	61.4	10	1	89
1969	136	100	100	100	100	133.0	56.4	69.5	9	0	91
1970	150	100	100	98	99	133.7	54.8	67.9	10	2	88
South Carolina											
1964	118	100	100	100	99	70.5	42.6	43.2	4	0	96
1965	103	100	100	99	99	82.2	50.0	51.4	3	2	95
1966	98	100	100	99	99	114.5	55.7	67.8	4	1	95
1967	100	99	99	95	95	107.5	57.1	71.2	7	4	89
1968	107	100	100	100	100	123.7	67.1	80.7	7	1	92
1969	98	100	100	100	100	123.7	63.0	78.4	11	0	89
1970	101	100	100	100	100	127.8	64.2	83.8	6	2	92
Georgia											
1964	165	99	99	99	99	72.3	42.8	52.2	6	0	94
1965	164	100	100	100	100	77.3	43.3	55.5	9	1	90
1966	138	99	99	99	99	94.5	48.6	67.1	7	2	91
1967	139	100	100	100	100	113.6	48.6	70.6	12	0	88
1968	128	100	100	100	100	113.9	52.5	72.8	2	0	98
1969	114	99	99	99	99	119.1	50.4	73.8	19	1	80
1970	106	100	100	100	100	117.9	51.1	74.2	7	1	92
Florida											
1964						NOT AVAILABLE					
1965	25	100	100	100	100	70.5	0.0	0.0	16	4	80
1966	70	99	97	99	99	80.3	41.5	57.9	13	3	84
1967	84	99	96	87	94	75.6	43.5	54.4	18	8	74
1968	64	100	100	92	98	93.2	51.6	71.0	15	5	80
1969	87	100	100	97	100	103.3	47.7	69.4	7	8	85
1970	84	98	98	96	96	96.7	48.6	64.6	9	1	90
Kentucky											
1964	138	96	96	92	92	60.7	49.0	48.9	58	4	38
1965	142	96	96	89	90	66.6	49.7	52.4	62	6	32
1966	129	99	97	95	95	79.6	57.5	56.3	61	5	34
1967	140	90	89	84	84	77.8	63.0	62.2	65	6	29
1968	123	98	98	94	94	85.3	62.6	63.7	54	4	42
1969	134	96	96	91	91	102.5	70.1	74.1	53	4	43
1970	119	97	97	92	93	103.3	67.8	70.1	56	3	41
Tennessee											
1964	130	97	97	92	92	60.5	43.8	45.1	49	4	47
1965	138	97	97	91	92	76.2	49.5	48.4	56	4	40
1966	127	98	98	94	94	74.8	49.7	50.0	65	3	32
1967	123	98	98	97	97	76.4	52.9	52.0	61	3	36
1968	124	98	98	94	94	93.8	57.5	58.4	55	2	43
1969	113	98	98	97	98	102.0	56.1	58.8	57	0	43
1970	100	100	100	98	98	90.8	59.3	62.3	53	3	44

See footnotes on page 25.

Continued

Table 3. Corn for grain: Fertilizer use on acreage harvested,
selected States, 1964-70 Continued

State and year	Fields in survey	Any fert- ilizer	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
			N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding	After only	At or before & after seeding	
No.	Percent	Percent	Lbs.	Percent								
Alabama												
1964	109	99	99	98	98	68.7	39.4	38.9	3	1	96	
1965	131	99	99	98	98	78.5	41.7	41.8	5	1	94	
1966	113	100	100	100	100	84.0	45.8	46.0	3	0	97	
1967	121	99	99	98	98	90.2	48.3	48.5	5	2	93	
1968	101	100	100	99	99	75.2	41.7	42.2	14	0	86	
1969	98	100	100	98	98	95.6	52.7	54.0	16	2	82	
1970	69	100	100	100	100	96.3	51.3	51.8	16	0	84	
Mississippi												
1964	119	98	98	87	89	58.8	32.1	34.1	22	9	69	
1965	119	97	97	81	81	70.7	35.5	35.2	22	9	69	
1966	98	98	98	93	93	79.3	35.7	35.4	15	3	82	
1967	120	79	79	76	76	68.9	35.5	35.3	26	2	72	
1968	102	98	98	93	93	79.0	38.7	38.8	18	6	76	
1969	80	98	98	93	93	87.5	39.6	39.5	10	8	82	
1970	82	99	98	93	93	100.2	49.0	48.9	26	2	72	
Texas												
1964	157	57	57	53	54	45.0	36.9	21.0	59	8	33	
1965	137	61	60	58	36	39.2	36.2	20.4	77	7	16	
1966	128	66	66	59	45	63.1	42.4	23.2	55	4	41	
1967	133	75	75	65	34	100.3	50.2	22.4	64	10	26	
1968	120	78	78	49	24	99.0	43.1	33.8	70	17	13	
1969	104	81	81	60	31	116.8	54.8	22.2	74	6	20	
1970	125	84	84	58	46	104.9	40.3	22.8	71	9	20	
Total selected States												
1964	2,621	82	82	75	69	55.7	39.5	33.5	52	6	42	
1965	2,943	88	87	82	75	73.3	46.8	41.7	50	7	43	
1966	2,948	91	91	85	79	84.2	54.8	50.2	54	4	42	
1967	2,995	92	91	87	81	92.8	57.2	55.4	58	3	39	
1968	3,107	93	92	88	84	103.0	62.6	59.9	67	2	31	
1969	3,060	93	93	84	83	108.4	62.6	62.4	62	3	35	
1970	3,107	95	94	90	86	110.8	68.6	67.6	65	2	33	

See footnotes on page 25.

Table 4. Cotton: Percentage distribution by row width and average row width, by States, 1966-70

State and year	Number of samples	Row width (inches) 1/				Average row width
		36.5 & less	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples				Inches
North Carolina						
1966	77	9.1	27.3	35.1	28.5	39.6
1967	55	14.6	12.7	49.1	23.6	39.6
1968	76	34.2	14.5	34.2	17.1	39.6
1969	68	22.1	17.6	39.7	20.6	39.0
1970	63	17.5	36.5	31.7	14.3	38.6
South Carolina						
1966	101	10.9	30.7	47.5	10.9	39.6
1967	94	5.3	42.5	44.7	7.5	38.5
1968	98	11.2	36.7	48.0	4.1	38.4
1969	96	3.1	37.5	50.0	9.4	38.9
1970	88	4.5	39.8	45.5	10.2	39.2
Georgia						
1966	128	20.3	32.8	38.3	8.6	38.4
1967	115	8.7	48.7	30.4	12.2	41.8
1968	117	19.7	35.9	35.9	8.5	37.8
1969	115	13.0	42.6	32.2	12.2	38.4
1970	109	14.7	54.1	27.5	3.7	38.1
Tennessee						
1966	83	8.4	48.2	41.0	2.4	38.4
1967	91	14.3	49.4	34.1	2.2	38.4
1968	71	8.5	69.0	22.5	0.0	37.7
1969	76	11.8	52.7	32.9	2.6	38.2
1970	78	10.3	51.3	34.6	3.8	38.7
Alabama						
1966	145	7.6	18.6	40.7	33.1	39.6
1967	137	8.0	18.3	46.0	27.7	37.9
1968	123	9.0	14.6	43.1	33.3	37.2
1969	123	4.1	21.1	44.7	30.1	39.7
1970	129	6.2	31.8	44.2	17.8	39.0
Missouri						
1966	73	5.5	64.4	30.1	0.0	38.6
1967	73	0.0	58.9	35.6	5.5	38.6
1968	78	5.1	57.7	33.3	3.9	38.6
1969	67	4.5	68.6	26.9	0.0	37.9
1970	57	3.5	61.4	29.8	5.3	38.3

See footnotes at end of table.

Continued

Table 4. Cotton: Percentage distribution by row width and average row width,
by States, 1966-70 Continued

State and year	Number of samples	Row width (inches) 1/				Average row width
		36.5 & less	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples				Inches
Mississippi						
1966	261	5.7	41.4	38.7	14.2	38.4
1967	283	2.2	36.0	51.2	10.6	40.1
1968	350	2.6	33.1	50.0	14.3	39.1
1969	360	2.5	37.2	50.0	10.3	38.9
1970	358	4.2	39.9	47.2	8.7	38.8
Arkansas						
1966	218	14.2	39.5	40.8	5.5	38.4
1967	236	4.7	47.9	39.8	7.6	39.5
1968	275	6.2	51.6	36.0	6.2	38.3
1969	297	5.7	49.2	36.7	8.4	38.5
1970	303	4.3	57.8	32.3	5.6	38.9
Louisiana						
1966	124	4.0	6.5	41.9	47.6	42.0
1967	115	1.7	7.8	38.3	52.2	42.0
1968	96	0.0	4.2	49.0	46.8	43.2
1969	97	2.1	15.4	48.5	34.0	40.2
1970	100	4.0	11.0	56.0	29.0	40.1
Oklahoma						
1966	165	1.8	11.0	63.6	23.6	39.6
1967	159	5.0	8.2	66.7	20.1	39.6
1968	97	2.1	19.6	54.6	23.7	39.6
1969	105	3.8	14.3	59.0	22.9	39.7
1970	111	4.5	13.5	56.8	25.2	39.8
Texas						
1966	397	2.5	21.4	59.0	17.1	40.2
1967	398	3.5	23.4	55.5	17.6	40.3
1968	666	0.9	17.1	63.2	18.8	39.5
1969	666	1.6	17.3	60.8	20.3	39.5
1970	652	1.5	16.9	62.0	19.6	39.7
New Mexico						
1966	76	5.3	28.9	48.7	17.1	38.4
1967	66	3.0	34.9	47.0	15.1	40.3
1968	59	3.4	33.9	54.2	8.5	38.1
1969	54	1.9	50.0	37.0	11.1	38.8
1970	52	5.8	50.0	40.4	3.8	38.9

See footnotes at end of table.

Continued

Table 4. Cotton: Percentage distribution by row width and average row width,
by States, 1966-70 Continued

State and year	Number of samples	Row width (inches) 1/				Average row width
		36.5 & less	36.6 - 38.5	38.6 - 40.5	40.6 & greater	
		Percent of samples				Inches
Arizona						
1966	173	5.2	28.9	44.5	21.4	38.4
1967	165	3.7	33.9	52.7	9.7	39.2
1968	95	1.1	30.5	55.8	12.6	39.5
1969	110	0.0	36.4	44.5	19.1	39.3
1970	111	4.5	39.6	41.5	14.4	38.9
California						
1966	218	1.4	26.1	56.4	16.1	38.4
1967	207	1.0	32.8	50.7	15.5	39.2
1968	242	2.1	31.8	45.9	20.2	39.3
1969	243	0.8	34.6	45.3	19.3	39.2
1970	240	1.2	32.5	52.1	14.2	39.2
Total selected States:						
1966	2,239	6.5	28.7	47.2	17.6	39.5
1967	2,194	4.5	31.6	48.1	15.8	40.0
1968	2,443	5.0	29.5	49.2	16.3	39.2
1969	2,477	3.9	31.7	48.1	16.3	39.2
1970	2,451	4.3	34.1	47.9	13.7	39.3

1/ Spacings based on row measurements in sample plots selected for objective
yield determinations.

Table 5. Cotton: Fertilizer use on acreage harvested,
selected States, 1964-70

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding only	After seeding only	At or before & after seeding
		fert- ilizer									
	No.		Percent			Lbs.			Percent		
Missouri											
1964	57	100	100	95	95	85.4	57.7	58.8	30	5	65
1965	80	100	99	96	96	64.3	46.1	49.4	62	9	29
1966	73	99	94	96	96	70.8	56.6	61.2	78	5	17
1967	73	99	99	94	94	49.5	53.4	56.4	76	4	20
1968	74	95	93	92	92	53.7	48.1	52.3	54	17	29
1969	67	94	94	91	91	55.5	48.8	56.6	47	21	32
1970	57	90	90	84	84	56.9	42.2	43.5	49	24	27
North Carolina											
1964	121	100	100	100	100	65.0	53.8	68.7	15	1	84
1965	112	100	100	100	100	89.7	54.3	69.1	8	2	90
1966	80	98	98	95	98	63.4	53.2	67.7	25	3	72
1967	54	100	100	100	100	68.8	64.8	80.3	20	0	80
1968	76	100	100	100	100	73.8	54.3	75.2	28	0	72
1969	68	99	99	90	90	61.7	54.1	69.5	36	15	49
1970	63	100	100	100	100	67.1	55.2	75.2	48	0	52
South Carolina											
1964	128	100	100	100	100	67.9	75.6	88.2	6	0	94
1965	113	100	100	100	100	77.9	81.3	89.0	5	0	95
1966	100	100	100	100	100	100.5	84.6	90.5	2	0	98
1967	81	100	100	100	100	90.6	85.0	89.3	10	0	90
1968	98	100	100	100	100	100.6	88.7	101.5	11	1	88
1969	94	99	99	97	97	88.3	83.9	98.1	12	4	84
1970	89	100	100	100	100	80.0	71.0	89.7	12	4	84
Georgia											
1964	125	100	100	99	100	79.5	63.7	88.7	9	0	91
1965	127	99	99	99	99	86.1	64.6	88.8	5	0	95
1966	126	100	100	100	100	103.6	66.4	103.2	5	1	94
1967	127	100	100	100	100	101.5	64.2	95.3	11	6	83
1968	116	100	100	100	100	97.0	62.3	93.5	11	1	88
1969	114	100	100	100	98	104.7	64.8	91.5	25	0	75
1970	108	100	100	100	100	92.1	59.3	85.4	20	1	79
Tennessee											
1964	90	98	98	97	98	67.0	52.7	55.5	46	1	53
1965	89	100	100	92	93	70.5	57.1	62.2	55	6	39
1966	89	92	92	89	90	85.4	63.9	65.5	68	0	32
1967	93	97	97	91	92	61.3	61.4	63.2	79	1	20
1968	73	99	99	89	90	50.5	57.7	59.3	72	3	25
1969	77	100	100	97	97	67.4	57.3	60.3	81	1	18
1970	77	99	96	96	96	60.5	62.3	64.0	75	3	22

See footnotes on page 25.

Continued

Table 5. Cotton: Fertilizer use on acreage harvested,
selected States, 1964-70

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any fert- ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding only	After seeding only	At or before & after seeding
	No.		Percent				Lbs.		Percent		
Alabama											
1964	126	100	99	100	99	71.9	62.1	62.9	16	0	84
1965	137	100	100	100	100	80.8	63.0	66.4	17	2	81
1966	146	100	100	100	100	83.1	68.7	69.7	20	0	80
1967	137	100	100	100	100	77.6	71.0	73.2	24	0	76
1968	123	100	100	99	99	71.2	71.0	73.4	39	1	60
1969	125	100	100	98	98	80.3	69.7	70.6	42	2	56
1970	129	100	100	100	100	77.6	74.2	76.5	44	1	55
Mississippi											
1964	296	99	99	59	59	77.2	49.5	49.7	46	18	36
1965	258	100	100	56	54	103.6	58.0	54.9	49	10	41
1966	261	100	98	71	72	97.6	54.3	54.9	46	5	49
1967	288	97	97	58	58	97.5	55.9	56.6	58	6	36
1968	345	100	100	63	62	90.5	52.0	52.6	47	16	37
1969	357	100	100	59	59	93.1	55.5	56.7	58	14	28
1970	351	100	99	42	42	96.1	60.3	61.4	66	9	25
Arkansas											
1964	237	98	97	59	65	68.4	39.0	47.9	61	14	25
1965	215	99	99	72	73	71.8	46.1	51.1	72	6	22
1966	224	98	97	77	76	69.8	43.5	51.0	65	4	31
1967	243	99	98	79	79	67.9	41.2	46.9	82	5	13
1968	275	100	99	66	61	62.7	44.5	54.6	84	3	13
1969	287	98	96	68	68	64.5	46.3	54.2	70	14	16
1970	295	97	95	60	63	67.3	42.8	52.5	86	7	7
Louisiana											
1964	97	97	97	62	69	54.2	33.9	34.8	60	13	27
1965	112	93	93	63	64	56.2	39.9	41.0	69	15	16
1966	121	90	90	58	58	68.6	48.3	47.7	63	8	29
1967	127	91	91	61	62	68.9	49.0	49.7	67	10	23
1968	99	92	92	48	51	75.5	43.1	46.0	69	21	10
1969	97	97	97	62	64	63.4	45.8	47.2	64	21	15
1970	100	95	95	57	56	80.6	50.4	50.2	81	11	8
Oklahoma											
1964	166	51	51	49	33	27.9	27.7	14.0	81	2	17
1965	191	55	55	48	40	29.9	26.8	13.6	80	12	8
1966	174	51	50	45	40	27.5	32.5	18.8	82	7	11
1967	157	51	51	45	41	18.6	22.5	13.1	89	11	0
1968	97	41	41	38	35	27.5	27.5	14.0	85	8	7
1969	105	53	53	50	42	27.3	36.9	16.6	96	2	2
1970	113	50	50	43	33	25.4	27.3	13.4	98	0	2

See footnotes on page 25.

Continued

Table 5. Cotton: Fertilizer use on acreage harvested,
selected States, 1964-70

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/			
		Any fert- ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding only	After seeding only	At or before & after seeding	
		No.	Percent				Lbs.		Percent			
Texas	:	:	:	:	:	:	:	:	:	:	:	
1964	:	572	51	50	38	10	58.9	45.1	15.9	70	11	19
1965	:	607	55	55	40	11	61.7	44.2	17.8	67	11	22
1966	:	578	52	51	40	14	61.6	44.7	17.5	70	15	15
1967	:	609	47	47	39	12	55.0	43.3	19.8	81	6	13
1968	:	666	46	45	37	18	51.4	43.5	17.5	76	12	12
1969	:	656	49	48	34	14	61.0	46.3	21.4	76	13	11
1970	:	656	49	49	30	13	56.9	45.4	21.4	88	8	4
	:	:	:	:	:	:	:	:	:	:	:	:
New Mexico	:	:	:	:	:	:	:	:	:	:	:	:
1964	:	65	71	63	58	0	84.7	60.3	0.0	20	56	24
1965	:	93	74	71	45	5	81.3	79.1	27.9	30	48	22
1966	:	79	56	52	44	9	72.9	63.7	22.5	34	52	14
1967	:	76	68	67	57	9	67.0	69.7	39.8	25	65	10
1968	:	60	67	67	62	13	83.0	74.0	40.5	40	40	20
1969	:	54	63	57	48	0	92.1	76.5	0.0	56	32	12
1970	:	54	67	61	50	6	72.0	84.6	17.0	61	22	17
	:	:	:	:	:	:	:	:	:	:	:	:
Arizona	:	:	:	:	:	:	:	:	:	:	:	:
1964	:	140	94	94	50	2	129.9	66.2	88.2	5	70	25
1965	:	171	93	92	42	2	131.3	77.7	8.1	4	77	19
1966	:	169	96	96	45	1	140.9	69.2	15.1	4	70	26
1967	:	167	89	89	47	1	140.6	61.9	40.0	13	62	25
1968	:	94	95	95	46	1	142.2	67.8	35.7	4	53	43
1969	:	113	97	97	39	2	144.9	69.9	11.6	7	63	30
1970	:	115	90	90	36	4	134.5	58.9	16.0	12	57	31
	:	:	:	:	:	:	:	:	:	:	:	:
California	:	:	:	:	:	:	:	:	:	:	:	:
1964	:	99	96	95	48	8	110.7	61.6	25.7	15	59	26
1965	:	198	97	96	37	0	149.6	80.9	0.0	13	41	46
1966	:	213	94	94	26	4	138.4	71.7	16.3	36	30	34
1967	:	216	92	91	42	6	145.0	98.8	73.6	33	36	31
1968	:	244	94	94	47	6	156.6	88.2	45.5	27	34	39
1969	:	246	94	93	42	1	135.1	91.4	31.1	24	40	36
1970	:	240	93	92	41	1	129.4	60.3	24.1	32	39	29
	:	:	:	:	:	:	:	:	:	:	:	:
Total selected States	:	:	:	:	:	:	:	:	:	:	:	:
1964	:	2,319	76	75	56	40	68.6	48.7	35.7	52	15	33
1965	:	2,503	78	78	57	40	76.8	52.2	34.3	53	13	34
1966	:	2,433	76	75	58	43	77.4	52.1	36.9	55	13	32
1967	:	2,448	73	73	57	42	72.6	52.9	42.2	64	10	26
1968	:	2,440	73	73	55	42	71.1	52.0	39.4	61	13	26
1969	:	2,460	75	74	54	41	74.6	54.4	39.2	62	15	23
1970	:	2,447	74	74	49	38	72.2	51.4	39.2	71	11	18
	:	:	:	:	:	:	:	:	:	:	:	:

See footnotes on page 25.

Table 6. Cotton: Distribution of major varieties, selected States,
percentage of acreage harvested, 1969-70

Year and State	Leading varieties by percentage of acreage harvested					
	First		Second		Third	
	Variety	Percent	Variety	Percent	Variety	Percent
<u>1969</u>						
North Carolina 1/	: Coker	69.0	Carolina Queen	10.3	McNair	7.4
South Carolina 2/	: Coker	83.0	Carolina Queen	10.6	McNair	2.1
Georgia 1/	: Coker	49.6	Carolina Queen	30.1	Dixie King II	5.3
Tennessee	: Dixie King II	27.7	Deltapine 16&16A	22.5	Stoneville-213	14.5
Alabama 2/	: Coker	27.0	Dixie King II	19.0	Deltapine 16&16A	8.7
Missouri	: Stoneville-213	49.2	Deltapine 16&16A	13.9	Auburn-M	10.8
Mississippi	: Deltapine 16&16A	46.1	Stoneville-213	36.5	Deltapine 15&15A	5.4
Arkansas	: Stoneville-213	37.7	Deltapine 16&16A	23.9	Deltapine 45A	8.5
Louisiana	: Deltapine 16&16A	37.1	Stoneville-213	19.6	Deltapine 15&15A	9.3
Oklahoma	: Lankart-57	51.9	Lankart	9.6	Lankart-611	9.6
Texas	: Lankart-57	29.6	Paymaster III	9.0	Stoneville-7A	8.9
New Mexico	: Acala-1517V	37.0	Acala-1517C	24.1	Acala 1517BR2	9.3
Arizona	: Deltapine 16&16A	87.5	Deltapine	3.5	Acala 1517C	1.8
California	: SJ-1	77.3	Deltapine 16&16A	20.3	Acala 4-42	2.4

1/ North Carolina and Georgia. Includes (Coker - 100-413)

2/ South Carolina and Alabama. Includes (Coker - 100, 100A, 413)

<u>1970</u>						
North Carolina	: Coker	65.6	Carolina Queen	12.5	Rex Smoothleaf	12.5
South Carolina 1/	: Coker	93.3	Carolina Queen	4.5	Western Stormproof	2.2
Georgia 2/	: Coker	63.9	Atlas	9.2	Dixie King II	8.3
Tennessee	: Deltapine 16&16A	31.7	Dixie King II	23.7	Stoneville-213	19.7
Alabama 2/	: Coker	28.7	Dixie King II	24.8	Deltapine 16&16A	7.8
Missouri	: Stoneville-213	50.8	Deltapine 16&16A	38.6	Stoneville 7A	3.5
Mississippi	: Stoneville-213	41.6	Deltapine 16&16A	37.2	Deltapine	8.2
Arkansas	: Stoneville-213	41.6	Deltapine 16&16A	31.6	Stoneville	6.8
Louisiana	: Deltapine 16&16A	53.0	Stoneville-213	23.0	Deltapine 15&15A	13.0
Oklahoma	: Lankart-57	64.7	Deltapine 16&16A	5.3	Lockett-4789	4.4
Texas	: Lankart-57	30.7	Stoneville 7A	7.6	Paymaster III	6.7
New Mexico	: Acala 1517V	23.7	Acala 1517C	21.8	Acala	12.7
Arizona	: Deltapine 16&16A	80.9	Acala 1517BR	2.6	Acala	2.6
California	: SJ-1	73.4	Deltapine 16&16A	14.6	Acala 4-42	8.3

1/ South Carolina. Includes (Coker - 100, 100A, 413)

2/ Georgia and Alabama. Includes (Coker - 100-413)

Table 7. Soybeans: Percentage distribution by row width and average row width, by States, 1966-70 1/

State and year	:	Number of samples	Row width groups (inches)			Average row width
			28.5 and less 2/	28.6 - 34.5	34.6 and greater	
	:		Percent of samples			Inches
Ohio	:					
1966	:	134	21.6	20.1	58.3	31.2
1967	:	124	25.8	25.8	48.4	30.1
1968	:	120	25.8	21.7	52.5	30.4
1969	:	119	21.8	30.7	47.5	30.3
1970	:	130	26.2	27.7	46.1	29.1
	:					
Indiana	:					
1966	:	127	2.4	7.9	89.7	36.8
1967	:	117	6.8	12.0	81.2	35.6
1968	:	123	5.7	16.3	78.0	35.8
1969	:	120	7.9	20.0	72.1	35.1
1970	:	125	5.2	22.1	72.7	35.5
	:					
Illinois	:					
1966	:	134	3.7	11.1	85.2	37.0
1967	:	144	3.5	16.7	79.8	36.5
1968	:	141	4.0	20.2	75.8	35.5
1969	:	138	5.0	19.3	75.7	35.9
1970	:	145	4.3	19.1	76.6	35.8
	:					
Minnesota	:					
1966	:	104	5.8	14.4	79.8	36.5
1967	:	118	5.1	8.5	86.4	36.6
1968	:	113	7.2	19.3	73.5	35.6
1969	:	112	8.3	22.4	69.3	35.0
1970	:	116	5.2	27.6	67.2	35.2
	:					
Iowa	:					
1966	:	111	2.7	9.9	87.4	38.0
1967	:	113	1.8	6.2	92.0	37.6
1968	:	127	2.0	16.7	81.3	36.8
1969	:	120	2.1	23.9	74.0	36.4
1970	:	147	2.4	21.4	76.2	36.1
	:					
Missouri	:					
1966	:	132	4.5	10.7	84.8	37.0
1967	:	135	8.2	7.4	84.4	33.8
1968	:	148	4.4	20.3	75.3	35.6
1969	:	128	6.0	19.5	74.5	35.5
1970	:	137	2.9	22.6	74.5	35.8
	:					
Total selected States	:					
1966	:	742	7.0	12.4	80.6	36.6
1967	:	751	8.6	12.9	78.5	35.6
1968	:	772	7.9	19.1	73.0	35.4
1969	:	737	8.4	22.5	69.1	35.2
1970	:	800	7.6	23.2	69.2	35.1

1/ Spacings based on row measurements in sample plots selected for objective yield determinations.

2/ Includes soybeans planted with a grain drill.

Table 8. Soybeans: Fertilizer use on acreage harvested for beans, selected States, 1964-70

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any fert- ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding only	After seeding only	At or before & after seeding
		No.	Percent				Lbs.		Percent		
Ohio											
1964	: 122	23	18	23	20	10.9	28.0	26.5	100	0	0
1965	: 141	27	19	26	26	9.5	36.4	40.4	100	0	0
1966	: 135	34	27	33	32	7.4	32.5	31.2	98	2	0
1967	: 123	42	37	42	41	9.3	33.2	31.0	98	2	0
1968	: 123	34	28	33	34	10.4	35.5	39.0	100	0	0
1969	: 121	46	38	46	46	9.6	36.7	33.0	100	0	0
1970	: 130	46	42	45	46	10.7	35.7	37.3	100	0	0
Indiana											
1964	: 141	38	23	37	36	5.9	22.2	28.8	100	0	0
1965	: 145	42	33	41	41	7.5	28.4	30.1	98	0	2
1966	: 126	48	36	48	47	9.4	25.2	32.8	98	0	2
1967	: 119	56	46	55	56	7.1	25.2	33.6	100	0	0
1968	: 124	51	43	51	51	10.6	27.7	30.7	98	0	2
1969	: 122	52	40	52	52	8.7	42.4	48.1	100	0	0
1970	: 125	61	52	57	61	8.0	31.2	42.9	99	1	0
Illinois											
1964	: 137	8	5	6	7	7.5	24.3	41.9	100	0	0
1965	: 127	16	6	10	14	8.0	32.3	57.5	95	5	0
1966	: 132	18	10	17	17	17.6	55.7	72.0	100	0	0
1967	: 142	17	9	13	17	16.7	51.3	65.8	100	0	0
1968	: 143	17	8	10	15	13.7	56.6	72.8	100	0	0
1969	: 140	11	6	11	11	8.6	53.6	70.8	100	0	0
1970	: 145	17	9	12	16	16.4	35.1	77.0	100	0	0
Minnesota											
1964	: 104	4	2	4	4	14.5	37.1	73.2	100	0	0
1965	: 119	13	11	13	12	7.7	20.6	26.3	100	0	0
1966	: 104	12	10	12	11	9.3	19.7	22.9	100	0	0
1967	: 118	14	10	14	14	5.6	23.8	27.1	100	0	0
1968	: 113	25	19	25	23	9.6	29.6	39.5	96	0	4
1969	: 114	22	18	20	21	8.2	27.0	34.6	100	0	0
1970	: 116	22	17	22	22	13.0	27.3	37.2	100	0	0
Iowa											
1964	: 106	6	3	6	5	3.8	37.6	27.6	100	0	0
1965	: 98	10	8	9	8	16.8	30.0	28.7	90	10	0
1966	: 115	18	15	18	16	5.9	21.1	18.6	86	14	0
1967	: 114	15	11	15	14	12.4	29.3	24.2	100	0	0
1968	: 127	22	17	22	21	9.6	39.4	33.5	96	4	0
1969	: 118	13	6	12	12	7.8	53.4	53.4	93	7	0
1970	: 147	13	8	13	13	11.4	43.8	49.1	100	0	0

See footnotes on page 25.

Continued

Table 8. Soybeans: Fertilizer use on acreage harvested for beans,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any fert- ilizer	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or before seeding only	After seeding only	At or before & after seeding
		No.	Percent			Lbs.			Percent		
Missouri											
1964	109	7	6	6	7	7.2	22.0	28.7	100	0	0
1965	125	11	9	11	11	13.6	38.5	39.9	100	0	0
1966	132	20	17	18	19	8.4	30.0	35.4	100	0	0
1967	137	20	20	20	20	16.3	30.9	33.0	100	0	0
1968	148	20	17	17	18	11.1	34.1	38.9	100	0	0
1969	128	18	15	16	18	11.9	43.3	44.8	100	0	0
1970	137	17	15	16	17	9.8	28.9	36.6	96	0	4
Nebraska											
1964	16	12	6	12	6	2.0	29.1	4.0	100	0	0
1965	20	10	5	10	0	9.1	22.5	3.0	100	0	0
1966	23	39	35	30	13	21.1	35.7	23.9	100	0	0
1967	32	25	22	25	19	8.6	27.3	7.0	88	12	0
1968	32	25	22	16	6	32.2	24.3	17.9	88	12	0
1969	47	15	15	13	6	27.1	44.0	23.0	100	0	0
1970	54	24	19	20	13	31.8	42.6	11.3	100	0	0
Kansas											
1964	26	12	12	8	8	9.0	15.6	5.2	100	0	0
1965	28	4	4	4	4	5.0	19.9	20.0	100	0	0
1966	32	6	6	6	3	18.9	58.0	20.1	100	0	0
1967	29	21	21	21	17	22.3	28.9	17.1	100	0	0
1968	31	16	16	13	10	10.6	28.6	23.7	100	0	0
1969	44	16	16	14	14	20.6	32.8	32.0	100	0	0
1970	45	20	18	18	11	18.0	35.7	53.7	100	0	0
North Carolina											
1964											
1965											
1966	90	71	58	69	71	12.9	34.6	49.7	89	11	0
1967	76	64	50	63	63	12.1	34.8	52.9	92	8	0
1968	75	68	59	65	67	13.2	36.4	53.5	94	6	0
1969	76	71	57	70	71	14.6	35.5	50.8	100	0	0
1970	73	58	49	56	58	13.3	34.8	55.2	95	5	0
South Carolina											
1964											
1965											
1966	68	74	52	72	72	15.4	44.2	67.8	92	8	0
1967	93	67	44	66	66	16.4	45.6	70.1	84	11	5
1968	91	80	62	79	79	16.8	41.9	68.7	96	1	3
1969	86	81	66	81	81	16.6	42.2	66.3	94	3	3
1970	85	84	65	84	84	17.3	41.5	70.3	97	2	1

See footnotes on page 25.

Continued

Table 8. Soybeans: Fertilizer use on acreage harvested for beans,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or	After	At or
		fert- ilizer							before: seeding: only	seeding: only	before & after seeding
	No.		Percent				Lbs.		Percent		
Tennessee											
1964											
1965											
1966	74	46	32	46	46	14.4	31.9	34.0	100	0	0
1967	83	42	35	42	42	15.9	35.7	37.3	100	0	0
1968	85	45	42	45	45	13.6	38.0	42.4	100	0	0
1969	96	48	34	48	48	13.2	34.4	35.3	98	2	0
1970	85	52	38	52	52	12.6	36.4	40.5	95	5	0
Mississippi											
1964	151	4	2	3	3	43.7	37.1	37.2	100	0	0
1965	147	6	1	6	5	10.0	43.5	45.2	89	11	0
1966	107	18	8	17	13	24.3	56.6	43.2	100	0	0
1967	114	24	16	24	24	16.7	52.7	52.2	93	7	0
1968	132	28	14	28	28	2.3	14.0	14.5	89	11	0
1969	145	26	14	26	26	19.3	43.8	44.4	95	5	0
1970	138	25	13	25	25	16.5	45.8	44.2	97	3	0
Arkansas											
1964	147	15	2	14	12	40.0	31.9	39.4	91	9	0
1965	137	22	3	19	21	18.6	34.6	41.6	93	7	0
1966	145	24	5	23	21	28.0	34.6	37.5	94	6	0
1967	165	24	8	23	22	24.2	40.8	41.9	92	8	0
1968	165	26	12	26	24	10.5	39.0	41.7	95	5	0
1969	162	28	15	28	28	12.8	38.3	41.9	98	2	0
1970	166	36	14	35	36	14.7	38.7	48.8	98	2	0
Louisiana											
1964											
1965											
1966											
1967	94	22	20	22	22	13.5	50.6	50.6	100	0	0
1968	106	21	16	21	20	9.6	40.8	39.6	100	0	0
1969	104	23	14	23	23	12.0	47.7	47.7	100	0	0
1970	106	25	12	25	25	13.0	55.5	52.8	100	0	0
Total selected States											
1964	1,059	11	6	10	9	12.4	25.7	31.8	99	1	0
1965	1,087	15	9	13	14	10.1	27.8	33.6	96	4	0
1966	1,283	25	17	24	23	13.6	34.3	37.7	96	4	0
1967	1,439	27	20	26	26	14.3	37.0	40.5	98	2	0
1968	1,495	29	21	27	27	11.2	37.7	42.8	97	2	1
1969	1,503	27	19	26	26	11.3	43.5	48.7	98	2	0
1970	1,552	30	21	28	29	13.5	37.1	50.1	99	1	0

See footnotes on page 25.

Table 9. Soybeans: Distribution of major varieties, selected States, percentage of acreage harvested, 1967-70 crop 1/

Year and State	Leading varieties by percentage of acreage harvested					
	First		Second		Third	
	Name	Percent	Name	Percent	Name	Percent
<u>1967</u>						
Ohio	: Harosoy	65.7	Wayne	6.7	Clark	6.0
Indiana	: Harosoy	40.1	Wayne	27.9	Clark	12.2
Illinois	: Harosoy	27.0	Wayne	21.0	Clark	21.0
Minnesota	: Chippewa	71.5	Merit	6.0	Traverse	5.6
Iowa	: Hawkeye	23.2	Wayne	12.9	Harosoy	12.8
Missouri	: Clark	52.0	Hill	22.1	Wayne	7.4
North Carolina	: Lee	51.4	Bragg	24.3	Hampton	11.2
South Carolina	: Hampton	83.2	Bragg	7.5	Hardee	2.2
Tennessee	: Lee	54.0	Hood	26.7	Ogden	8.0
Mississippi	: Lee	50.4	Bragg	34.7	Hill	8.6
Arkansas	: Lee	63.5	Hill	9.8	Hood	8.2
Louisiana	: Lee	47.8	Bragg	24.0	Hood	7.5
<u>1968</u>						
Ohio	: Harosoy	55.7	Wayne	18.9	Amsoy	9.4
Indiana	: Wayne	34.3	Harosoy	25.8	Amsoy	13.7
Illinois	: Wayne	31.0	Amsoy	27.0	2/	2/
Minnesota	: Chippewa	66.4	Hark	10.6	Merit	10.2
Iowa	: Amsoy	39.0	Wayne	15.4	Hawkeye	11.8
Missouri	: Clark	42.6	Wayne	17.6	Hill	10.6
North Carolina	: Lee	35.4	Bragg	33.3	Hampton	17.4
South Carolina	: Hampton	86.3	Bragg	9.3	Dare	1.1
Tennessee	: Lee	41.2	Hood	21.9	Hill	10.0
Mississippi	: Bragg	42.8	Lee	42.4	Hill	9.5
Arkansas	: Lee	43.0	Bragg	16.2	Hill	15.3
Louisiana	: Lee	41.5	Bragg	28.8	Hill	9.4
<u>1969</u>						
Ohio	: Harosoy	47.5	Wayne	22.3	Amsoy	17.4
Indiana	: Wayne	32.0	Harosoy	23.8	Amsoy	20.9
Illinois	: Wayne	36.0	Amsoy	25.0	Clark	12.0
Minnesota	: Chippewa	57.1	3/	3/	3/	3/
Iowa	: Amsoy	42.4	Wayne	16.1	Chippewa	7.6
Missouri	: Clark	35.7	Wayne	16.5	Dare	12.7
North Carolina	: Lee	41.4	Bragg	19.1	Dare	18.4
South Carolina	: Hampton	83.7	Bragg	7.0	Davis	4.7
Tennessee	: Lee	36.3	Hood	23.7	Pickett	18.9
Mississippi	: Bragg	41.7	Lee	35.9	Hill	10.3
Arkansas	: Lee	37.3	Bragg	17.7	Davis	15.8
Louisiana	: Bragg	43.3	Dare	14.9	Lee	13.9
<u>1970</u>						
Ohio	: Harosoy	45.4	Wayne	26.9	Amsoy	11.1
Indiana	: Wayne	36.8	Harosoy	16.0	Amsoy	14.0
Illinois	: Wayne	35.0	Amsoy	21.0	Corsoy	15.0
Minnesota	: Chippewa	55.6	Corsoy	23.3	Hark	8.6
Iowa	: Amsoy	30.6	Corsoy	26.5	Wayne	24.1
Missouri	: Clark	47.1	Wayne	15.3	Dare	10.6
North Carolina	: Lee	33.2	Bragg	23.9	Hampton	17.6
South Carolina	: Hampton	77.8	Bragg	8.4	Davis	6.6
Tennessee	: Lee	32.9	Pickett	31.2	Hood	17.1
Mississippi	: Bragg	42.2	Lee	38.8	Dare	10.8
Arkansas	: Lee	34.6	Bragg	19.1	Davis	15.4
Louisiana	: Bragg	28.1	Lee	23.8	Dare	19.5

1/ Reported for the sample fields used for obtaining objective yield data, except for Illinois, where estimates of planted acreage were developed from supplemental data in other surveys. Harosoy, Clark, and Hawkeye include varieties designated "63" while Chippewa includes Chippewa "64." 2/ Clark and Harosoy are tied with 14.0 percent each. 3/ Hark and Merit are tied with 12.7 percent each.

Table 10. Wheat: Fertilizer use on acreage harvested for grain,
selected States, 1964-70

State and year	Acres receiving					Rate per acre receiving 1/			Acres fertilized 2/		
	Fields	Any							At or	After	At or
	in	fert-	N	P ₂ O ₅	K ₂ O				before	seeding	before &
	survey	ilizer				N	P ₂ O ₅	K ₂ O	seeding	only	after
	No.		Percent			Lbs.			Percent		
Ohio											
1964	92	97	97	96	96	25.8	52.0	45.4	65	4	31
1965	89	100	100	100	100	33.9	53.2	46.1	66	0	34
1966	95	99	99	98	98	33.6	57.3	50.8	57	1	42
1967	83	99	99	99	99	42.1	55.5	53.0	67	2	31
1968	79	98	95	98	98	38.9	57.1	54.7	56	1	43
1969	79	98	98	98	98	36.6	55.2	51.6	58	7	35
1970	80	99	99	99	99	36.5	58.0	55.0	53	9	38
Indiana											
1964	96	98	96	95	93	38.6	49.3	47.8	42	4	54
1965	87	99	99	98	98	39.6	49.0	46.0	37	2	61
1966	92	99	99	96	94	44.9	50.6	50.2	38	7	55
1967	87	95	95	92	92	45.9	52.7	49.4	43	5	52
1968	76	97	97	97	97	49.5	51.6	48.7	38	0	62
1969	75	83	83	79	79	48.3	49.5	47.1	55	5	40
1970	74	95	91	95	95	47.5	55.9	55.0	49	4	47
Illinois											
1964	89	94	92	89	82	31.5	41.9	30.4	62	7	31
1965	99	89	85	84	74	31.8	41.0	37.1	54	8	38
1966	100	86	85	80	74	43.0	51.6	40.0	70	8	22
1967	104	91	88	85	77	44.2	57.3	54.2	45	6	49
1968	74	96	88	89	78	40.5	55.7	44.9	46	13	41
1969	78	90	85	86	77	41.8	55.9	51.0	66	1	33
1970	78	92	92	86	85	46.1	51.8	40.7	68	3	29
Michigan											
1964	114	96	95	96	95	34.6	53.4	43.8	64	0	36
1965	102	100	99	100	100	28.1	52.5	48.7	77	1	22
1966	88	100	99	100	100	33.2	53.4	48.8	64	2	34
1967	81	100	100	100	100	25.6	55.9	50.1	83	0	17
1968	78	97	97	97	97	34.6	54.8	52.4	58	0	42
1969	83	98	98	96	96	31.1	57.5	50.7	66	1	33
1970	75	99	99	99	99	36.8	56.1	51.7	68	2	30
Minnesota											
1964	49	76	76	74	31	16.4	25.9	18.7	95	5	0
1965	41	80	78	80	34	15.1	30.7	17.9	100	0	0
1966	39	67	64	67	31	17.6	26.6	9.4	96	0	4
1967	44	86	86	75	50	23.6	28.9	18.7	97	3	0
1968	48	88	88	79	56	33.8	34.8	18.7	100	0	0
1969	51	90	90	90	59	32.4	36.0	19.6	91	0	9
1970	43	86	86	86	56	36.3	38.5	21.9	84	3	13
Missouri											
1964	95	95	95	76	76	35.9	26.8	26.1	68	4	28
1965	84	95	95	70	70	40.3	31.9	27.0	61	25	14
1966	94	92	92	69	70	43.6	31.6	31.7	49	27	24
1967	87	93	93	64	64	51.2	37.6	35.5	44	31	25
1968	86	92	92	66	66	43.6	36.7	34.3	53	32	15
1969	89	93	93	74	74	52.8	41.7	40.8	57	20	23
1970	72	92	90	67	67	61.0	40.8	40.1	46	24	30

See footnotes on page 25.

Continued

Table 10. Wheat: Fertilizer use on acreage harvested for grain,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	At or	After	At or
		fert- ilizer	:	:	:				before	seeding	before & only : after : seeding
	No.		Percent					Lbs.		Percent	
North Dakota											
1964	137	51	42	51	3	9.1	23.1	9.3	100	0	0
1965	211	56	43	56	4	8.8	22.2	10.0	100	0	0
1966	220	60	41	60	3	10.0	22.9	7.1	99	1	0
1967	235	67	48	66	5	9.8	22.7	9.8	100	0	0
1968	231	68	52	67	4	11.3	25.4	8.0	98	1	1
1969	229	72	65	72	8	14.0	25.0	11.3	99	0	1
1970	236	73	69	73	6	14.5	26.8	8.4	99	0	1
South Dakota											
1964	103	6	6	4	0	12.7	10.5	0.0	77	23	0
1965	101	8	7	6	0	21.5	23.1	0.0	85	15	0
1966	136	16	16	11	0	15.4	20.2	0.0	100	0	0
1967	128	25	25	23	0	14.4	20.9	0.0	94	6	0
1968	136	28	23	24	2	19.3	21.3	3.1	100	0	0
1969	140	33	33	30	0	23.2	22.7	0.0	94	6	0
1970	136	34	32	29	0	20.2	22.2	1.2	78	22	0
Nebraska											
1964	130	25	25	7	0	42.0	28.6	0.0	39	49	12
1965	124	25	25	7	1	42.1	33.2	5.1	32	58	10
1966	140	26	26	7	2	33.7	32.5	15.3	43	46	11
1967	113	42	39	18	2	26.6	38.5	27.0	68	21	11
1968	122	43	43	23	3	33.8	31.4	16.0	54	33	13
1969	116	49	48	17	3	36.1	34.4	22.6	75	21	4
1970	120	43	43	17	3	40.1	32.1	13.0	75	17	8
Kansas											
1964	224	40	39	32	4	26.1	30.0	10.5	53	16	31
1965	232	40	40	31	3	26.9	30.2	11.4	56	16	28
1966	275	50	50	38	4	34.6	28.9	12.6	34	19	47
1967	263	51	51	41	5	36.0	36.7	14.3	60	5	35
1968	265	59	59	45	5	42.1	34.8	15.7	48	12	40
1969	274	51	50	39	5	49.9	38.3	24.0	58	9	33
1970	260	51	51	37	5	46.2	35.7	14.3	59	10	31
Oklahoma											
1964	140	58	58	46	15	29.3	25.9	21.0	43	19	38
1965	160	61	60	44	10	31.2	28.4	9.3	42	25	33
1966	196	61	60	36	12	38.0	30.2	13.1	21	39	40
1967	158	53	52	46	19	33.0	29.6	13.3	62	5	33
1968	174	60	58	34	13	39.3	30.5	11.8	34	34	32
1969	145	57	57	34	10	41.1	31.6	11.3	51	19	30
1970	155	70	70	41	16	47.3	32.1	11.8	50	14	36
Texas											
1964	160	39	39	12	3	75.9	25.0	4.2	78	8	14
1965	177	45	44	20	2	56.4	25.9	26.0	60	26	14
1966	215	46	46	23	1	61.7	52.2	24.0	72	8	20
1967	159	50	50	25	2	84.3	48.8	16.3	74	0	26
1968	176	42	41	24	3	68.9	46.5	8.3	74	12	14
1969	148	34	34	19	2	84.7	54.3	20.0	76	17	7
1970	137	52	51	22	5	79.6	32.8	12.5	81	10	9

See footnotes on page 25.

Continued

Table 10. Wheat: Fertilizer use on acreage harvested for grain,
selected States, 1964-70 Continued

State and year	Fields in survey	Acres receiving					Rate per acre receiving 1/			Acres fertilized 2/		
		Any	N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O	At or before seeding:	After seeding:	At or before & after seeding
		fert- ilizer								only	only	
	No.	Percent					Lbs.			Percent		
Montana												
1964	122	19	6	19	0	5.2	14.2	3.3	100	0	0	
1965	163	30	17	29	1	9.6	17.6	0.5	98	2	0	
1966	172	29	14	28	0	11.4	20.4	0.0	100	0	0	
1967	182	41	28	41	0	5.9	17.6	0.0	99	0	1	
1968	182	40	32	40	1	8.7	17.9	0.5	96	0	4	
1969	152	39	32	39	0	7.5	18.3	0.7	94	3	3	
1970	190	39	30	39	26	10.2	20.2	4.2	98	0	2	
Idaho												
1964	72	46	46	8	0	41.3	17.0	0.0	60	33	7	
1965	83	43	41	16	2	55.8	43.5	8.6	66	17	17	
1966	107	40	40	7	0	64.6	36.0	0.0	45	29	26	
1967	127	48	48	7	0	77.2	35.1	6.6	39	18	43	
1968	114	42	42	8	0	66.9	41.2	0.0	39	29	32	
1969	104	52	50	13	0	59.9	33.9	0.0	55	16	29	
1970	98	57	56	19	2	66.2	34.6	10.8	46	14	40	
Colorado												
1964	56	9	9	0	0	13.3	0.0	0.0	0	100	0	
1965	56	7	7	4	0	48.3	30.0	12.0	0	50	50	
1966	97	1	1	0	0	22.4	0.0	0.0	0	100	0	
1967	86	8	8	2	0	54.2	16.5	0.0	57	29	14	
1968	86	13	13	1	0	30.7	24.1	0.0	45	55	0	
1969	95	13	13	0	0	17.9	0.0	0.0	100	0	0	
1970	113	6	6	0	0	42.6	0.0	0.0	86	14	0	
Washington												
1964	79	81	81	5	2	37.8	63.5	79.9	74	2	24	
1965	116	70	70	4	0	52.6	29.8	0.0	77	0	23	
1966	128	78	77	5	0	56.2	43.5	0.0	83	0	17	
1967	143	88	88	6	0	68.8	46.3	2.4	74	1	25	
1968	125	94	94	6	2	86.4	41.2	13.0	66	8	26	
1969	123	82	82	15	5	79.3	51.1	50.7	73	2	25	
1970	132	92	92	3	0	64.2	26.4	0.0	79	6	15	
Oregon												
1964	34	94	94	18	12	40.7	37.8	16.5	68	16	16	
1965	35	86	86	3	0	59.5	26.4	0.0	60	10	30	
1966	47	92	92	8	4	38.8	76.5	24.0	72	12	16	
1967	66	59	59	4	2	51.7	31.6	30.0	59	23	18	
1968	67	78	78	10	2	55.8	29.8	30.0	75	11	14	
1969	66	54	54	8	0	46.9	34.6	0.0	72	11	17	
1970	69	81	81	7	1	40.6	24.1	14.0	73	22	5	
Total selected States												
1964	1,792	50	47	36	16	27.3	27.5	16.6	68	16	16	
1965	1,960	52	48	38	15	30.6	29.1	13.0	67	16	17	
1966	2,241	54	49	38	15	31.5	32.2	13.6	65	17	18	
1967	2,146	58	53	43	17	35.1	33.1	15.8	75	7	18	
1968	2,119	60	56	43	17	36.3	33.1	14.4	68	14	18	
1969	2,047	59	56	44	17	37.8	33.9	18.9	77	8	15	
1970	2,068	63	61	44	20	39.1	30.7	14.2	76	8	16	

1/ To convert phosphoric oxide (P₂O₅) to elemental phosphorus (P), the quantity of P₂O₅ should be multiplied by 0.43642. To convert potassium oxide (K₂O) to elemental potassium (K) multiply by 0.83016. 2/ Percentages apply to acres receiving fertilizer, not to total acres harvested.

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